

PRESS RELEASE

Human Solutions:

RAMSIS integrated into Dassault Systèmes 3DEXPERIENCE platform

Kaiserslautern, 24.06.2021 **From the end of June, users of the Dassault Systèmes 3DEXPERIENCE platform will be able to use the digital human model RAMSIS from Human Solutions directly for designing vehicle interiors. The RAMSIS NextGen plug-in is available to order now for the 3DEXPERIENCE CATIA R2020x release and will begin shipping at the end of June.**

The Dassault Systèmes 3DEXPERIENCE platform enables businesses to reach operational excellence. It allows everyone involved in a project – from the research lab to the factory to the consumer – to interact and work together. As a result, it empowers businesses to design and test consumer experiences, from the idea to market delivery and usage, before actually producing them. RAMSIS is the world's leading ergonomics tool for the automotive industry when it comes to customizing the interior of vehicles to match the requirements of the driver and passengers as closely as possible. "Thanks to the seamless integration and digital continuity of RAMSIS, we are now giving designers on the 3DEXPERIENCE platform a tool with which they can incorporate ergonomic requirements directly into their design when designing vehicle interiors," says Anton Preiß, Director Ergonomics at Human Solutions GmbH. The biggest advantage for users is that there is no need to import or export data, and work steps can be carried out more quickly and easily. At the same time, work is carried out in the familiar CAD environment. Compatibility between RAMSIS NextGen

Standalone, RAMSIS NextGen in CATIA V5 and RAMSIS NextGen in **3DEXPERIENCE CATIA** is also guaranteed.

No external data exchange needed

In practice, this means in concrete terms: platform users perform ergonomic analyses for vehicle design directly in **3DEXPERIENCE CATIA**, based on the latest geometry, without having to exchange data with an additional standalone application. The integration also includes the use of **3DEXPERIENCE CATIA**, the leading solution for all design and engineering activities, especially in the transportation and mobility industry. Designers and engineers thus benefit from the integrated-modeling environment to design, evaluate and validate the best result for their customers.

RAMSIS based on real three-dimensional scans

RAMSIS NextGen is integrated. This RAMSIS version offers the optimum in flexibility, efficiency and representation of the market. Users can obtain results more quickly by viewing several RAMSIS models in parallel – for example, people with different body shapes and sizes can easily be placed virtually in the vehicle interior to obtain information about the accessibility of various elements in the car, visibility or seatbelt routing. The body shapes of the models were developed on the basis of real, three-dimensional scans.

About Human Solutions

The Human Solutions GmbH, based in Kaiserslautern, Germany, offers the world's leading digital manikin with RAMSIS, which allows vehicle interiors to be optimally designed to meet ergonomic requirements. The top 30 companies in the automotive industry work with software solutions from Human Solutions. The company also supplies other industries with its ergonomics simulation expertise, such as the ergonomic design of industrial workplaces. Human Solutions is active all over the world, with around 35 employees at the Kaiserslautern, Munich & Morrisville (USA) sites, and partners in many other countries. Human Solutions is part of the Humanetics Group since March 1, 2021

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